

CLASSIFICATION **RESTRICTED**

STAT

CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD NO.

COUNTRY Yugoslavia

SUBJECT Economic - Machinery and machine tools

HOW PUBLISHED Daily newspapers

WHERE PUBLISHED Belgrade

DATE PUBLISHED 9 Jul - 4 Aug 1949

LANGUAGE Serbo-Croatian

DATE OF INFORMATION 1949

DATE DIST. 30 Aug 1949

NO. OF PAGES 4

SUPPLEMENT TO REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 50 U. S. C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers as indicated.

HEAVY MACHINERY AND INSTALLATIONS MADE IN YUGOSLAVIA FOR FIRST TIME

METAL CUTTER, MILL ROLLERS MADE -- Rad, No 184, 4 Aug 49

The Fabrika Mlinskih Strojova (Mill Machinery Factory) in Stupnik, with the cooperation of the "Bratstvo" and "Sila" metal products factories, has designed, built, and installed a combination machine for folding and cutting thick metal plate. The machine, made of Yugoslav materials, is the first of its kind ever made in Yugoslavia. It has now completely supplanted similar machines previously imported.

The Fabrika Mlinskih Strojova is also making mill rollers, which formerly were imported from Czechoslovakia and Hungary. Tests on casting and cooling, the most difficult processes involved, are now being made. The first mill roller, which will be the first ever made in Yugoslavia of Yugoslav materials, will be shown at the Zagreb Fair.

The Fabrika Mlinskih Strojova is the only factory in the Balkans building grain elevators several stories high. The first one has been installed at Sv. Klara, near Zagreb. The largest grain elevator in the Balkans has been completed and installed at Zalog near Ljubljana. A still larger one, the largest in Central Europe, is now being built at Zrenjanin. The Fabrika Mlinskih Strojova is now making grain elevator equipment to be installed in other parts of Yugoslavia.

ROLLING MILL UNDER CONSTRUCTION -- Borba, No 171, 20 Jul 49

The first sheet-iron rolling mill ever made in Yugoslavia is now under construction at the "Ivo Lola Ribar" Plant. It will be one of the largest and most perfect rolling mills in Central Europe. Most of the rolling mills in Yugoslav ironworks are old models, of insufficient capacity, with poorly made equipment, so that even the heaviest work often has to be done by hand.

CLASSIFICATION

RESTRICTED

STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB	DISTRIBUTION											
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI												

STAT

RESTRICTED

The parts of the rolling mill are being made in the Jesenice Ironworks, while the most complicated and skilled finishing is being done at "Ivo Lola Ribar."

Within a few days the first series of machines for the production of railroad ties will be completed at "Ivo Lola Ribar." The machines are being made of Yugoslav materials according to original plans made at the factory. The machines will be light enough for easy portability because of the porous construction of certain parts. This feature made the processes of stamping and casting much more complicated.

These machines will be the first machines for making railroad ties Yugoslavia. Ties have always been made with hatchets in the past.

Other new machines for Yugoslav industry now being made at "Ivo Lola Ribar" include the prototype of the first Yugoslav plane for ingots. Ingots are now processed by a slow and primitive process in Yugoslavia. A special profile grinder will work rods in ironworks more accurately. A special grinder for rails will speed and improve the process of drilling holes in rails. Machines for making pipes of centrifuged concrete are being made. Giant shears, eccentric presses, friction presses, shears for sheet metal, and power hammers are now in serial production. Many parts for water turbines and generators are produced in the "Litostroj" and "Rade Koncar" plants and sent to "Ivo Lola Ribar" for finishing.

This plant is participating in the construction of the new blast furnace for the Ironworks in Sisak. All the parts for the furnace have been completed.

MODERN ROLLING MILL FOR JAVORNIK -- Politika, No 13296, 22 Jul 49

Jesenice -- A new rolling mill for thick plate, one of the largest of its kind in the Balkans, will be put into operation at Javornik this year. The large electric motor that will operate the mill will be completely installed by the beginning of October, half a year earlier than foreign technicians estimated. The machine room and the generator room have already been completed.

The new rolling mill will be made of materials produced in Yugoslav factories under the direction of Yugoslav experts. Cast-iron parts weighing over 60 tons will have been cast in the Jesenice Ironworks for the first time in its history. The final processing of these parts will be done in the "Ivo Lola Ribar" plant.

The installation of the electric motor was to have been done by Italian technicians, but they proposed an unacceptable time limit, May 1950, and insisted on the construction of a much larger building for the motor. Now all the work will be done by Yugoslav technicians and by the end of the year.

The heaviest part of the motor, weighing over 110 tons, is already in place. It was handled by a crane built in the Jesenice Ironworks.

BOR SMELTER NOW HAS A CONVERTER -- Rad, No 184, 4 Aug 49

A new converter (a furnace for casting steel) has just been put into operation at the foundry of the Bor mine and smelter. The converter was built at Bor of Yugoslav materials.

Previously there was no furnace for casting steel at the mine, and all steel machine parts had to be imported or made in other enterprises. Thus, the repair of an excavator in a surface mine might require 6 months or more. Attempts to forge steel parts proved impractical.

- 2 -

RESTRICTED

STAT

RESTRICTED

Construction of the converter was begun early in 1949 and consumed 2,500 voluntary working hours. The converter showed good results in tests, although the special kind of sand required was not available.

Operation of the converter is expected to save over 3 million dinars per year.

NEW FURNACE IN SLOVENIAN SMELTER -- Rad, No 184, 4 Aug 49

Maribor -- On 1 August, a furnace for smelting lead was put into operation at the smelter at the Mezice lead mines. The new furnace was built by workers at the smelter under the direction of their own experts.

FURNACE AT MERCURY MINE RECONDITIONED -- Borba, No 161, 9 Jul 49

On 3 July, the reconstruction of the large "Spirek III" production furnace at the mercury mine at Idrija was completed.

This furnace has been installed in 1914 by an Austrian firm. It operated until 1918 when it was abandoned because of serious defects in construction. During processing, 50 - 60 percent of the mercury would be lost, and the escaping gases were a menace to the health of the workers.

The Austrian expert who had built the furnace, and later Italian experts, tried in vain to find the trouble. Finally, an engineer at the Idrija mine succeeded in locating the defect and repairing it, so that the furnace is now operating normally.

EXPANSION OF METAL PRODUCTS PLANT -- Borba, No 161, 9 Jul 49

The "Aleksandar Rankovic" Metal Industry Combine has now opened two new sections. The combine now has a first, third, fourth, and fifth plant. Plant No 2, the enameling plant, is not operating. The equipment for this plant was to have been delivered by Hungary under the terms of the investment agreement of 1947, but it has never arrived.

NEW PRODUCTS FROM METAL FACTORY -- Borba, No 161, 9 Jul 49

The sprocket chain factory in Leace in Slovenia, which specializes in making plows, has added several new products not provided for under the plan, such as various kinds of wrenches for industrial use and general consumption, which always had to be imported in the past. Thus far, more than 4,000 French keys, formerly imported, have been made at the plant, and the production of adjustable pliers for electricians has begun. Three more kinds of wrenches for telephone installation and radio mechanics will be manufactured at the factory this year.

NEW FOUNDRY AT SERBIAN METAL FACTORY -- Borba, No 164, 12 Jul 49

On 6 July, a new foundry was put into operation at the "Istok" Metal Products Enterprise in Nis.

- 3 -

RESTRICTED

STAT

RESTRICTED

CEMENT FACTORY INCREASES PRODUCTION BY NEW INVENTIONS -- Borba, No 161,
9 Jul 49

In spite of a serious shortage of electric power, the cement factory at Anhovo in Gorica Srez completed its half-year plan ahead of schedule, largely because of practical new inventions at the plant.

A cement mill made entirely of old parts increased the factory's cement production capacity by about 25 percent. A new, "fine" steel axle made for the mill is the first of its kind ever made in Yugoslavia.

According to a plan drawn up for new chimneys for the furnaces, most of the cement dust which formerly escaped into the air with the smoke would be conserved.

NEW TYPE OF CONCRETE MIXER -- Borba, No 166, 14 Jul 49

The "14 Oktobar" Freight Car Factory in Krusevac has built a new concrete mixer. Its great advantage over those now in use is that it both mixes and transports concrete. This mixer will be serially produced at the "14 Oktobar" Factory.

FACTORY MAKES DIESEL ENGINES -- Borba, No 165, 13 Jul 49

The "A.P." Metal Products Enterprise has succeeded in building Diesel engines of 6 to 9 horsepower. It is now engaged on the production of 40-horsepower Diesel engines.

- E N D -

- 4 -

RESTRICTED